IFWO

RAW SEQUENCE LISTING   DATE: 09/17/2004
PATENT APPLICATION: US/10/786,076   TIME: 10:56:54

Input Set : N:\Crf3\RULE60\10786076.raw
Output Set: N:\CRF4\09172004\J786076.raw

SEQUENCE LISTING
```
 1 (1)  GENERAL INFORMATION:
 2        (i)  APPLICANT: Henrik Stender
 3                       Kaare Lund
 4                       Tina Anderson Hollerup
 5       (ii)  TITLE OF INVENTION: Novel Process For The Detection of Mycobacteria
 6      (iii)  NUMBER OF SEQUENCES: 123
 7       (iv)  CORRESPONDENCE ADDRESS:
 8             (A)  ADDRESSEE: FINNEGAN, HENDERSON, FARABOW, GARRETT, & DUNNER
 9             (B)  STREET: 1300 I ST. NW
10             (C)  CITY: Washington
11             (D)  STATE: District of Columbia
12             (E)  COUNTRY: USA
13             (F)  ZIP: 20005
14        (v)  COMPUTER READABLE FORM:
15             (A)  MEDIUM TYPE: Floppy disk 3.5 inch
16             (B)  COMPUTER: IBM PC compatible
17             (C)  OPERATING SYSTEM: ASCxi
18             (D)  SOFTWARE: Microsoft Word
20       (vi)  CURRENT APPLICATION DATA:
```
C--> 21   **(A) APPLICATION NUMBER: US/10/786,076**
C--> 22   **(B) FILING DATE: 26-Feb-2004**
C--> 28   **(vii) PRIOR APPLICATION DATA:**
W--> 25   **(A) APPLICATION NUMBER: US/10/347,510**
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26             (B)  FILING DATE: 21-Jan-2003
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W--> 29   **(A) APPLICATION NUMBER: 60/028,392**
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30             (B)  FILING DATE: 15-Oct-96
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W--> 31   **(A) APPLICATION NUMBER: 60/029,595**
```
32             (B)  FILING DATE: 23-Oct-96
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W--> 33   **(A) APPLICATION NUMBER: 60/045,962**
```
34             (B)  FILING DATE: 08-May-97
```
W--> 35   **(A) APPLICATION NUMBER: 08/943,777**
```
36             (B)  FILING DATE: 3-Oct-97
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C--> 37   **(viii) ATTORNEY/AGENT INFORMATION:**
```
38             (A)  NAME: Anthony C. Tridico
39             (B)  REGISTRATION NUMBER: 45,958
```
C--> 40   **(ix) TELECOMMUNICATION INFORMATION:**
```
41             (A)  TELEPHONE: (202) 408-4173
42             (B)  TELEFAX: (202) 408-4400
43 (2)  INFORMATION FOR SEQ ID NO: 1:
44        (i)  SEQUENCE CHARACTERISTICS:
45             (A)  LENGTH: 15 basepairs
46             (B)  TYPE: nucleic acid basepairs
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ENTERED

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Output Set: N:\CRF4\09172004\J786076.raw

```
47              (C) STRANDEDNESS: single
48              (D) TOPOLOGY: linear
49       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
50          AGATCGGGGT AGCAC 15
52  (2) INFORMATION FOR SEQ ID NO: 2:
53       (i) SEQUENCE CHARACTERISTICS:
54              (A) LENGTH: 15 basepairs
55              (B) TYPE: nucleic acid basepairs
56              (C) STRANDEDNESS: single
57              (D) TOPOLOGY: linear
58       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
59          TGTTTTCTCC TCCTA 15
61  (2) INFORMATION FOR SEQ ID NO: 3:
62       (i) SEQUENCE CHARACTERISTICS:
63              (A) LENGTH: 15 basepairs
64              (B) TYPE: nucleic acid basepairs
65              (C) STRANDEDNESS: single
66              (D) TOPOLOGY: linear
67       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
68          ACTGCCTCTC AGCCG 15
70  (2) INFORMATION FOR SEQ ID NO: 4:
71       (i) SEQUENCE CHARACTERISTICS:
72              (A) LENGTH: 15 basepairs
73              (B) TYPE: nucleic acid basepairs
74              (C) STRANDEDNESS: single
75              (D) TOPOLOGY: linear
76       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
77          TGATACTAGG CAGGT 15
79  (2) INFORMATION FOR SEQ ID NO: 5:
80       (i) SEQUENCE CHARACTERISTICS:
81              (A) LENGTH: 15 basepairs
82              (B) TYPE: nucleic acid basepairs
83              (C) STRANDEDNESS: single
84              (D) TOPOLOGY: linear
85       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
86          CGGATTCACA GCGGA 15
88  (2) INFORMATION FOR SEQ ID NO: 6:
89       (i) SEQUENCE CHARACTERISTICS:
90              (A) LENGTH: 15 basepairs
91              (B) TYPE: nucleic acid basepairs
92              (C) STRANDEDNESS: single
93              (D) TOPOLOGY: linear
94       (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
95          TCACCACCCT CCTCC 15
97  (2) INFORMATION FOR SEQ ID NO: 7:
98       (i) SEQUENCE CHARACTERISTICS:
99              (A) LENGTH: 15 basepairs
100             (B) TYPE: nucleic acid basepairs
101             (C) STRANDEDNESS: single
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Input Set : N:\Crf3\RULE60\10786076.raw
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```
102           (D) TOPOLOGY: linear
103    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
104        TTAACCTTGC GACAT 15
106 (2) INFORMATION FOR SEQ ID NO: 8:
107        (i) SEQUENCE CHARACTERISTICS:
108           (A) LENGTH: 15 basepairs
109           (B) TYPE: nucleic acid basepairs
110           (C) STRANDEDNESS: single
111           (D) TOPOLOGY: linear
112    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
113        ACTATTCACA CGCGC 15
115 (2) INFORMATION FOR SEQ ID NO: 9:
116        (i) SEQUENCE CHARACTERISTICS:
117           (A) LENGTH: 15 basepairs
118           (B) TYPE: nucleic acid basepairs
119           (C) STRANDEDNESS: single
120           (D) TOPOLOGY: linear
121    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
122        CTCCGCGGTG AACCA 15
124 (2) INFORMATION FOR SEQ ID NO: 10:
125        (i) SEQUENCE CHARACTERISTICS:
126           (A) LENGTH: 15 basepairs
127           (B) TYPE: nucleic acid basepairs
128           (C) STRANDEDNESS: single
129           (D) TOPOLOGY: linear
130    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10
131        GCTTTACACC ACGGC 15
133 (2) INFORMATION FOR SEQ ID NO: 11:
134        (i) SEQUENCE CHARACTERISTICS:
135           (A) LENGTH: 15 basepairs
136           (B) TYPE: nucleic acid basepairs
137           (C) STRANDEDNESS: single
138           (D) TOPOLOGY: linear
139    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
140        ACGCTTGGGG GCCTT 15
142 (2) INFORMATION FOR SEQ ID NO: 12:
143        (i) SEQUENCE CHARACTERISTICS:
144           (A) LENGTH: 15 basepairs
145           (B) TYPE: nucleic acid basepairs
146           (C) STRANDEDNESS: single
147           (D) TOPOLOGY: linear
148    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
149        CCACACCCAC CACAA 15
151 (2) INFORMATION FOR SEQ ID NO: 13:
152        (i) SEQUENCE CHARACTERISTICS:
153           (A) LENGTH: 15 basepairs
154           (B) TYPE: nucleic acid basepairs
155           (C) STRANDEDNESS: single
156           (D) TOPOLOGY: linear
```

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157     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
158         CCGGTGGCTT CGCTG 15
160  (2) INFORMATION FOR SEQ ID NO: 14:
161      (i) SEQUENCE CHARACTERISTICS:
162          (A) LENGTH: 15 basepairs
163          (B) TYPE: nucleic acid basepairs
164          (C) STRANDEDNESS: single
165          (D) TOPOLOGY: linear
166     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
167         ACTTGCCTTG TCGCT 15
169  (2) INFORMATION FOR SEQ ID NO: 15:
170      (i) SEQUENCE CHARACTERISTICS:
171          (A) LENGTH: 15 basepairs
172          (B) TYPE: nucleic acid basepairs
173          (C) STRANDEDNESS: single
174          (D) TOPOLOGY: linear
175     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
176         GATTCGTCAC GGGCG 15
178  (2) INFORMATION FOR SEQ ID NO: 16:
179      (i) SEQUENCE CHARACTERISTICS:
180          (A) LENGTH: 15 basepairs
181          (B) TYPE: nucleic acid basepairs
182          (C) STRANDEDNESS: single
183          (D) TOPOLOGY: linear
184     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
185         AACTCCACAC CCCCG 15
187  (2) INFORMATION FOR SEQ ID NO: 17:
188      (i) SEQUENCE CHARACTERISTICS:
189          (A) LENGTH: 15 basepairs
190          (B) TYPE: nucleic acid basepairs
191          (C) STRANDEDNESS: single
192          (D) TOPOLOGY: linear
193     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
194         ACTCCACACC CCCGA 15
196  (2) INFORMATION FOR SEQ ID NO: 18:
197      (i) SEQUENCE CHARACTERISTICS:
198          (A) LENGTH: 15 basepairs
199          (B) TYPE: nucleic acid basepairs
200          (C) STRANDEDNESS: single
201          (D) TOPOLOGY: linear
202     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
203         ACCCCTTCGC TTGAC 15
205  (2) INFORMATION FOR SEQ ID NO: 19:
206      (i) SEQUENCE CHARACTERISTICS:
207          (A) LENGTH: 15 basepairs
208          (B) TYPE: nucleic acid basepairs
209          (C) STRANDEDNESS: single
210          (D) TOPOLOGY: linear
211     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
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RAW SEQUENCE LISTING
PATENT APPLICATION: **US/10/786,076**

DATE: 09/17/2004
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Input Set : **N:\Crf3\RULE60\10786076.raw**
Output Set: **N:\CRF4\09172004\J786076.raw**

```
212        CTTGCCCCAG TGTTA 15
214  (2)  INFORMATION FOR SEQ ID NO: 20:
215        (i) SEQUENCE CHARACTERISTICS:
216            (A) LENGTH: 15 basepairs
217            (B) TYPE: nucleic acid basepairs
218            (C) STRANDEDNESS: single
219            (D) TOPOLOGY: linear
220        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
221        CTCTCCCTAC CGGCT 15
223  (2)  INFORMATION FOR SEQ ID NO: 21:
224        (i) SEQUENCE CHARACTERISTICS:
225            (A) LENGTH: 15 basepairs
226            (B) TYPE: nucleic acid basepairs
227            (C) STRANDEDNESS: single
228            (D) TOPOLOGY: linear
229        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
230        GATATTCCGG TCCCC 15
232  (2)  INFORMATION FOR SEQ ID NO: 22:
233        (i) SEQUENCE CHARACTERISTICS:
234            (A) LENGTH: 15 basepairs
235            (B) TYPE: nucleic acid basepairs
236            (C) STRANDEDNESS: single
237            (D) TOPOLOGY: linear
238        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 22:
239        ACTCCGCCCC AACTG 15
241  (2)  INFORMATION FOR SEQ ID NO: 23:
242        (i) SEQUENCE CHARACTERISTICS:
243            (A) LENGTH: 15 basepairs
244            (B) TYPE: nucleic acid basepairs
245            (C) STRANDEDNESS: single
246            (D) TOPOLOGY: linear
247        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 23:
248        CTGTCCCTAA ACCCG 15
250  (2)  INFORMATION FOR SEQ ID NO: 24:
251        (i) SEQUENCE CHARACTERISTICS:
252            (A) LENGTH: 15 basepairs
253            (B) TYPE: nucleic acid basepairs
254            (C) STRANDEDNESS: single
255            (D) TOPOLOGY: linear
256        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:
257        TTCGAGGTTA GATGC 15
259  (2)  INFORMATION FOR SEQ ID NO: 25:
260        (i) SEQUENCE CHARACTERISTICS:
261            (A) LENGTH: 15 basepairs
262            (B) TYPE: nucleic acid basepairs
263            (C) STRANDEDNESS: single
264            (D) TOPOLOGY: linear
265        (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 25:
266        GTCCCTAAAC CCGAT 15
```

VERIFICATION SUMMARY   DATE: 09/17/2004
PATENT APPLICATION: **US/10/786,076**   TIME: 10:56:55

Input Set : **N:\Crf3\RULE60\10786076.raw**
Output Set: **N:\CRF4\09172004\J786076.raw**

L:21 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:22 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:28 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]
L:31 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)
L:33 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)
L:35 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)
L:37 M:220 C: Keyword misspelled or invalid format, [(viii) ATTORNEY/AGENT INFORMATION:]
L:40 M:220 C: Keyword misspelled or invalid format, [(ix) TELECOMMUNICATION INFORMATION:]